

**IFPS16.2**  
**Release Notes**  
**(News You Can Use)**  
December 7, 2004

- 2.0 Introduction
- 2.1 AVNMOS, NGMMOS and MRFMOS names have changed to MAVMOS, FWCMOS and MEXMOS, respectively
- 2.2 MEXWX Ingests 06Z and 18Z MAVMOS Cycles
- 2.3 'r-commands' Removed from IFPS Scripts and Applications
- 2.4 MDL Formatters Removed ("Sunsetted") from IFPS
- 2.5 Several Applications Removed (Sunsetted) from IFPS
- 2.6 Yellow Status Messages in GFE
- 2.7 IFPS Fix-It Menu Sunsetted
- 2.8 DX Move Script Delivered
- 2.9 IFPS Limits a Failed Site and its Bkup Site to One MOS Ingest Each
- 2.10 IFPS Limits a Site to No More than Two Simultaneous MOS Ingests
- 2.11 IFPS Executes Under Users Other Than 'awipsusr' and 'textdemo'
- 3.1 IFPS16.0: GFESuite Links
- 3.2 IFPS16.0: NWSTC Links

## 2.0 Introduction [Return to Top]

This section of the IFPS16 Release Notes highlights:

1. Any special problems along with any existing workarounds
2. Any FYI items associated with this Release

## 2.1 AVNMOS, NGMMOS and MRFMOS names have changed to MAVMOS, FWCMOS and MEXMOS, respectively [Return to Top]

AVNMOS, NGMMOS and MRF MOS names have changed to MAVMOS, FWCMOS and MEXMOS, respectively. Visit the following links to observe specific changes:

- [http://www.nws.noaa.gov/mdl/icwf/user\\_guide\\_ifps16/tech/init\\_tech.htm](http://www.nws.noaa.gov/mdl/icwf/user_guide_ifps16/tech/init_tech.htm)
- [http://www.nws.noaa.gov/mdl/icwf/user\\_guide\\_ifps16/custom/chg\\_domain.htm](http://www.nws.noaa.gov/mdl/icwf/user_guide_ifps16/custom/chg_domain.htm)
- [http://www.nws.noaa.gov/mdl/icwf/user\\_guide\\_ifps16/func/gform\\_func.htm](http://www.nws.noaa.gov/mdl/icwf/user_guide_ifps16/func/gform_func.htm)
- [http://www.nws.noaa.gov/mdl/icwf/user\\_guide\\_ifps16/custom/mmenu\\_custom.htm](http://www.nws.noaa.gov/mdl/icwf/user_guide_ifps16/custom/mmenu_custom.htm)
- [http://www.nws.noaa.gov/mdl/icwf/user\\_guide\\_ifps16/tech/mmenu\\_tech.htm](http://www.nws.noaa.gov/mdl/icwf/user_guide_ifps16/tech/mmenu_tech.htm)
- [http://www.nws.noaa.gov/mdl/icwf/user\\_guide\\_ifps16/custom/database/static/geography\\_groups.htm](http://www.nws.noaa.gov/mdl/icwf/user_guide_ifps16/custom/database/static/geography_groups.htm)
- [http://www.nws.noaa.gov/mdl/icwf/user\\_guide\\_ifps16/tech/foundatn\\_db\\_tech.htm](http://www.nws.noaa.gov/mdl/icwf/user_guide_ifps16/tech/foundatn_db_tech.htm)

## 2.2 MEXWX Ingests 06Z and 18Z AVNMOS Cycles [Return to Top]

In addition to the 00Z and 12Z AVNMOS cycles, MOS Explicit Weather (MEXWX) now ingests the 06Z and 18Z AVNMOS cycles as well.

## 2.3 ‘r-commands’ Removed from IFPS Scripts and Applications [Return to Top]

**Starting with IFPS16.2**, all IFPS applications within AWIPS will use secure shell or s-commands (e.g., ssh, sslogin, scp, etc.) rather than r-commands (e.g., rsh, rlogin, rcp, etc.).

## **2.4 MDL Formatters Removed (“Sunsetted”) from IFPS**

[Return to Top]

Beginning with the release of IFPS16.2, the following MDL formatters will no longer be available in IFPS:

1. AFP (Area Forecast Product)
2. FTP (Temperature and PoP Table)
3. FWM (Fire Weather Matrix)
4. GLF (Great Lakes Forecast)
5. grib2shefb (Gridded Binary to Standard Hydrologic Exchange Format Binary)
6. MVF (Marine Verification Forecast)
7. NSH (Near Shore Forecast)
8. OFF (Offshore Forecast)
9. RDF (Revised Digital Forecast)
10. CWF (Coastal Waters Forecast)
11. SFT (State Forecast Tabular)
12. AFD (Area Forecast Discussion)
13. CCF (Coded Cities Forecast)
14. SAF (Service Area Forecast)
15. ZFP (Zone Forecast Product)
16. FWT (Fire Weather Tabular)
17. FWF (Fire Weather Forecast)

## **2.5 Several Applications Removed (Sunsetted) from IFPS**

Due to the sunsetting of the MDL formatters, several associated applications have been sunsetted in IFPS16.2. Those applications are

wwarcmd, wwainj, tpinj, prod\_hdr, ics, igr, georemap, Product Generation GUI, Master Menu.

## **2.6 NDFD Yellow Status Messages in GFE**

In IFPS16.2, NDFD Status messages are now received in GFE as yellow “popup” banners. This was in response to field comments that the NDFD status messages were easily missed in the status bar windows.

## **2.7 IFPS Fix-It Menu Sunsetted**

The only remaining valid functionalities from the IFPS Fix-It Menu are now being handled by other means in IFPS16.2, so the Menu was sunsetted. MOS ingests will now no longer be missed due to a new daemon (mexwxMonitor) running on px2. The “Break Locks” functionality, as always, may be run via the GFE Menus. Should offices require “Break Locks” functionality for non Fcst/Official grids, the GFESuite documentation provides information on how those commands may be run outside of GFESuite.

## **2.8 DX Move Scripts delivered**

When AWIPS Release OB4.AS is installed, IFPS processing will move from the PX machines to DX2. Scripts delivered in IFPS16.2 will handle this move.

## **2.9 IFPS Limits a Failed Site and its Backup Site to One (1) MOS Ingest Each [Return to Top]**

When a failed site is in service backup, the failed site and its backup site are only allowed one (1) MOS ingest each. Therefore, between the failed site and its backup, only two MOS ingests, one at the failed site and one at the backup site, should ever be running at any given time.

## **2.10 IFPS Limits a Site to No More than Two Simultaneous MOS Ingests [Return to Top]**

The number of simultaneous MOS ingests running at a single site is limited to two (2).

## **2.11 IFPS Executes Under Users Other Than ‘awipsusr’ and textdemo’:**

With the installation of OB4, a pre-requisite for installation of IFPS16, each application on AWIPS will be executed under individual user logins rather than under user ‘textdemo’ or user ‘awipsusr’.

## **3.1 IFPS16.2: GFESuite Links:**

Visit the GFE URLs below for descriptions and details on GFE IFPS16.2 Release Notes and Highlights.

- <http://www-md.fsl.noaa.gov/eft/AWIPS/16j/onlinehelp/README.html>
- [http://www-md.fsl.noaa.gov/eft/AWIPS/16j/onlinehelp/CHANGES\\_BUGS\\_FIXES\\_HIGHLIGHTS.html](http://www-md.fsl.noaa.gov/eft/AWIPS/16j/onlinehelp/CHANGES_BUGS_FIXES_HIGHLIGHTS.html)
- <http://www-md.fsl.noaa.gov/eft/AWIPS/16j/onlinehelp/GFESuiteDoc.html>

## **3.2 IFPS16.0: NWSTC Links:**

- <http://www.nwstc.noaa.gov/nwstrn/ifps16/ifps16newConfig.htm#checklist>